

SECTION J - ATTACHMENT J-1

Requirements Sources and Implementing Documents (List A) and List of Applicable DOE Directives (List B)

The Contractor shall comply with the requirements of DOE Directives identified under List B. DOE directives may be found at <http://www.directives.doe.gov/>.

DOE Orders Applicable to Department of Energy, Office of Environmental Management (List B)

Order No.	Subject
DOE O 110.3	Conference Management
DOE O 130.1	Budget Formulation Process
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.1	Classified Visits Involving Foreign Nationals
DOE O 142.2A	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE O 142.3A	Unclassified Foreign Visits and Assignments
DOE O 144.1	Department of Energy American Indian Tribal Government Interactions and Policy
DOE O 150.1	Continuity Programs
DOE O 151.1C	Comprehensive Emergency Management System
DOE O 153.1	Departmental Radiological Emergency Response Assets
DOE M 200.1-1, Chapter 9	Telecommunications Security Manual (Chapter 9)
DOE O 200.1A	Information Management Program
DOE O 203.1	Limited Personal Use of Government Office Equipment Including Information Technology
DOE O 205.1B	Department of Energy Cyber Security Management Program
DOE O 206.1	DOE O 206.1, Department of Energy Privacy Program
DOE O 210.2A	DOE Corporate Operating Experience Program
DOE O 206.2	Identity, Credential, and Access Management (ICAM)
DOE N 206.4	Personal Identity Verification Program
DOE O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of the Inspector General
DOE O 221.2A	Cooperation with Office of Inspector General
DOE O 225.1B	Accident Investigations
DOE O 226.1B	Implementation of DOE Oversight Policy
DOE O 227.1	Independent Oversight Program
DOE O 231.1B	Environment, Safety, and Health Reporting
DOE O 232.2	Occurrence Reporting and Processing of Operations Information
DOE O 241.1B	Scientific and Technical Information Management
DOE G 242.1-1	Forms Management Guide for Use with DOE O 200.1
DOE O 243.1B	Records Management Program
DOE O 252.1A	Technical Standards Program
DOE O 311.1B	Equal Employment Opportunity and Diversity Program,
DOE O 341.1A	Federal Employee Health Services
DOE O 350.1 chg 1	Contractor Human Resource Management Programs (by Chapter)

Order No.	Subject
<u>DOE O 410.2</u>	Management of Nuclear Materials
<u>DOE O 412.1A</u>	Work Authorization System
<u>DOE O 413.1B</u>	Internal Control Program
<u>DOE O 413.3B</u>	Program and Project Management for the Acquisition of Capital Assets
<u>DOE O 414.1D</u>	Quality Assurance
<u>DOE O 420.1C</u>	Facility Safety
<u>DOE G 421.1-2A</u>	Implementation Guide for Use in Developing Documented Safety Analyses to Meet Subpart B of 10 CFR 830
<u>DOE O 422.1</u>	Conduct of Operations
<u>DOE G 423.1-1A</u>	Implementation Guided for Use in Developing Technical Safety Requirements
<u>DOE G 424.1-1B,</u>	Implementation Guide for Use in Addressing Unreviewed Safety Question Requirements
<u>DOE O 425.1D</u>	Verification of Readiness of Start-up or Restart to Nuclear Facilities [Hazard Category 1, 2 & 3 nuclear facilities]
<u>DOE O 426.2</u>	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities
<u>DOE O 430.1B, chg 2</u>	Real Property Asset Management
<u>DOE G 430-1-2</u>	Implementation Guide for Surveillance and Maintenance during Facility Transition and Disposition
<u>DOE G 430-1-3</u>	Deactivation Implementation Guide
<u>DOE G 430-1.4</u>	Decommissioning Implementation Guide
<u>DOE G430.1-5</u>	Transition Implementation Guide
<u>DOE O 433.1B</u>	Maintenance Management Program for DOE Nuclear Facilities [Hazard Category 1, 2 & 3 nuclear facilities]
<u>DOE N 435.1</u>	Contact-Handled and Remote-Handled Transuranic Waste Packaging
<u>DOE O 435.1, chg 1</u>	Radioactive Waste Management
<u>DOE G 435.1-1</u>	Crosswalk Tables DOE O 5820.2A vs. DOE O 435.1/M 435.1-1
<u>DOE M 435.1-1, chg 2</u>	Radioactive Waste Management Manual
<u>DOE O 436.1</u>	Departmental Sustainability
<u>DOE M 441.1-1</u>	Nuclear Material Packaging Manual
<u>DOE O 442.1A</u>	Department of Energy Employee Concerns Program
<u>DOE O 442.2</u>	Differing Professional Opinions for Technical Issues Involving Environment, Safety and Health Technical Concerns
<u>DOE O 450.2</u>	Integrated Safety Management
<u>DOE P 450.4A</u>	Integrated Safety Management Policy
<u>DOE O 451.1B, chg 3</u>	National Environmental Policy Act Compliance Program

Order No.	Subject
<u>DOE O 458.1, chg 2</u>	Radiation Protection of the Public and the Environment
<u>DOE O 460.1C</u>	Packaging and Transportation Safety
<u>DOE G 460.1-1</u>	Packaging and Transportation Safety
<u>DOE G 460.1-1 att</u>	Packaging and Transportation Attachments
<u>DOE O 460.2A</u>	Departmental Materials Transportation and Packaging Management
<u>DOE G 460.2-1</u>	Implementation Guide for Use with DOE O 460.2, Departmental Materials Transportation and Packaging Management
<u>DOE M 460.2-1A</u>	Radioactive Material Transportation Practices Manual
DOE O 461.1B	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest
DOE 461.2	Onsite Packaging and Transfer of Materials of National Security Interest
DOE P 470.1A	Safeguards and Security Program
DOE O 470.3B	Graded Security protection (GSP)
<u>DOE O 470.4B</u>	Safeguards and Security Program
<u>DOE O 471.1B</u>	Identification and Protection of Unclassified Controlled Nuclear Information (UCNI)
<u>DOE O 471.3 chg 1</u>	Identifying & Protecting Official Use Only
<u>DOE M 471.3-1, chg 1</u>	Manual for Identifying and Protecting Official Use Only Information
<u>DOE O 471.6, chg 1</u>	Information Security
<u>DOE O 472.2</u>	Personnel Security
<u>DOE O 473.3</u>	Protection Program Operations
<u>DOE O 475.1</u>	Counterintelligence Program
<u>DOE O 475.2A</u>	Identifying Classified Information
DOE O 483.1	DOE Cooperative Research and development Agreements
DOE O 484.1	Reimbursable Work for the Department of Homeland Security
<u>DOE O 522.1</u>	Pricing of Departmental Materials and Services
<u>DOE O 523.1</u>	Financial Management Oversight
<u>DOE O 534.1B</u>	Accounting
<u>DOE O 551.1D</u>	Official Foreign Travel
DOE O 552.1A	Travel Policy and Procedures
<u>DOE M 552.1-1A</u>	U.S. Department of Energy Travel Manual
<u>DOE O 580.1A</u>	Department of Energy Personal Property Management Program
<u>DOE G 580.1-1</u>	Department of Energy Personal Property Guide
DOE STD-1027	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE O 5480.23, Nuclear Safety Analysis Reports
DOE-STD-1134	Review Guide for Criticality Safety Evaluations
DOE-STD-1158	Self-Assessment Standard for DOE Contractor Criticality Safety Programs
DOE-STD-3007	Guidelines for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities
DOE-STD-3009	Preparation Guide for the U.S. Department of Energy Nonreactor Nuclear facility Documented Safety Analyses
DOE G 4401-7A	Implementation Guide for Use With 10 CFR Part 850, Chronic Beryllium Disease Prevention
AL-2013-04	DOE Acquisition Regulation

The Contractor shall comply with the requirements of the laws and regulations identified in List A below. Omission of any applicable law or regulation from List A does not affect the obligation of the Contractor to comply with such law or regulation.

Regulations Applicable to Department of Energy Office of Environmental Management
(List A)

NUMBER	TITLE
Public Laws	
PL 101-189	National Competitiveness Technology Transfer Act of 1989
PL 102-486	Energy Policy Act of 1992
PL 104-113	National Technology Transfer and Advancement Act
5 U.S.C. 553 et seq.	Administrative Procedures Act
5 U.S.C. 552 et seq.	Freedom of Information Reform Act of 1986 & Privacy Act of 1974
7 U.S.C. 136	The Federal Insecticide, Fungicide and Rodenticide Act of 1972
7 U.S.C. 4201 et seq.	Farmland Protection Policy Act of 1981
15 U.S.C. 2601 et seq.	The Toxic Substances Control Act of 1976
16 U.S.C. 470 et seq.	National Historic Preservation Act of 1966
16 U.S.C. 470aa -470mm	Archeological Resource Protection Act of 1979
16 U.S.C. 703 et seq.	Migratory Bird Treaty Act of 1918
16 U.S.C. 1271-1278 et seq.	Wild and Scenic Rivers Act of 1968
16 U.S.C. 1531 et seq.	The Endangered Species Act of 1973
17 U.S.C. 401 et seq.	Copyrights
18 U.S.C. 2071	Describes penalties for willfully and unlawfully destroying, damaging, or removing Federal records
25 U.S.C. 3008 , et seq.	Native American Graves Protection and Repatriation Act of 1990
30 U.S.C. 22-54 et seq.	Mining Law of 1872
33 U.S.C. 1251 et seq.	The Clean Water Act of 1977
33 U.S.C. 2705 et seq.	The Oil Pollution Act of 1990
35 U.S.C. 101 et seq.	Patents
35 U.S.C. 200 et seq.	Rights in Inventions Made with Federal Assistance
41 U.S.C. 51 et seq.	Anti-Kickback Act of 1986
41 U.S.C. 351 et seq.	Service Contract Act of 1965
42 U.S.C. 300 et seq.	The Safe Drinking Water Act of 1974
42 U.S.C. 1996 et seq.	American Indian Religious Freedom Act of 1978
42 U.S.C. 2011 et seq.	Atomic Energy Act of 1954
42 U.S.C. 2012 et seq.	Price Anderson Act (PL 85-256)
42 U.S.C. 2021 et seq.	The Low-Level Radioactive Waste Policy Act of 1985
42 U.S.C. 4321 et seq.	The National Environmental Policy Act of 1969
42 U.S.C. 5901 et seq.	Federal Non-Nuclear Energy Research and Development Act of 1974
42 U.S.C. 6201 et seq.	Energy Policy and Conservation Act
42 U.S.C. 6901 et seq.	The Resource Conservation and Recovery Act of 1976
42 U.S.C. 7112 et seq.	Department of Energy Organization Act of 1977
42 U.S.C. 7401 et seq.	The Clean Air Amendments of 1977
42 U.S.C. s/s 9601	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
42 U.S.C. 9601 et seq.	The Superfund Amendments and Reauthorization Act of 1986
42 U.S.C. 10101 et seq.	Nuclear Waste Policy Act of 1982
42 U.S.C. 11001 et seq.	The Emergency Planning & Community Right-To-Know Act of 1986
42 U.S.C. 13101 et seq.	Pollution Prevention Act of 1990
43 U.S.C. 1701 et seq.	Federal Land Policy and Management Act of 1976
44 U.S.C. 2101 et seq.	National Archives and Records Administration
44 U.S.C. 2901 et seq.	Records Management by the Archivist of the United States and the Administrator of General Services

44 U.S.C. 3101 et seq.	Records Management by Federal Agencies
44 U.S.C. 3301 et seq.	Federal Records Act of 1950
44 U.S.C. 3501 et seq.	Coordination of Federal Information Policy
NUMBER	TITLE
Code of Federal Regulations	
Title 10 – Energy	
Chapter I	Nuclear Regulatory Commission
Part 19	Notices, Instructions, and Reports to Workers: Inspection and Investigations
Part 20	Standards for Protection Against Radiation
Part 21	Reporting of defects and noncompliance
Part 40	Domestic Licensing of Source Material
Part 61	Licensing Requirements for Land Disposal of Radioactive Waste
Part 73	Physical Protection of Plants and Materials
Chapter III	Department of Energy
Part 707	Workplace substance abuse programs at DOE sites
Part 708	DOE contractor employee protection program
Part 745	Protection of human subjects
Part 770	Transfer of Real Property at Defense Nuclear Facilities for Economic Development
Part 781	DOE patent licensing regulations
Part 783	Waiver of patent rights
Part 820	Procedural Rules for DOE Nuclear Activities
Part 824	Procedural Rules for the Assessment of Civil Penalties for Classified Information Security Violations
Part 830	Nuclear Safety Management
Part 835	Occupational Radiation Protection
Part 850	Chronic Beryllium Disease Prevention Program
Part 851	Worker Safety and Health Program
Part 962	Byproduct material
Chapter X	Department of Energy (General Provisions)
Part 1021	National Environmental Policy Act implementing procedures
Part 1022	Compliance with Floodplain/Wetlands Environmental Review Requirements
Title 29 – Labor	
Chapter IV	Office of Labor – Management Standards, Department of Labor
Parts 401-459	Labor Management Standards
Chapter V	Wage and Hour Division, Department of Labor
Parts 500-899	Regulations, Statements of General Policy or Interpretation Not Directly Related to Regulations, Other Laws, and Garnishment of Earnings
Chapter XIV	Equal Employment Opportunity Commission
Parts 1600-1691	Regulations for equal pay, affirmative action, discrimination guidelines
Chapter XVII	Occupational Safety and Health Administration, Department of Labor
Part 1925	Safety and health standards for Federal service contracts
Part 1926	Safety and health regulations for construction
Part 1990	Identification, classification, & regulation of potential occupational carcinogens
Title 36 - Parks, Forests, and Public Property	

Chapter VIII	Advisory council on historic preservation
Part 800	Protection of historic and cultural properties
Chapter XII, Subchapter B	Records Management
Title 40 – Protection of Environment	
Chapter I	Environmental Protection Agency
Subchapter C	Air Programs
Parts 0-99	Clean Air Act
Parts 100-149	Clean Water Act
Parts 190-399	Solid Waste Act
Part 192	Health & Environmental Protection Standards for Uranium & Thorium Mill Tailings
Subpart A	General Provisions
Subpart B	General Provisions
Subpart C	General Provisions
Part 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
Part 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
Part 300	National Oil and Hazardous Substances Pollution Contingency Plan
Part 761	Toxic Substance Control Act
Parts 1500-1508	Implementing the Procedural Provisions of the National Environmental Policy Act
Title 41 – Public Contracts and Property Management	
Subtitle C	Federal Property Management Regulations System
Part 102-34	Motor Vehicle Management
Parts 102-35–102-39	Personal Property
Parts 102-71–102-85	Real Property
Part 102-192	Mail Management
Part 102-193	Creation, Maintenance, and Use of Records
Part 102-194	Standard and Optional Forms Management Program
Part 109	Department of Energy Property Management Regulation
Title 42 – Public Health	
Part 84	Approval of respiratory protective devices
Title 43 – Public Lands: Interior	
Part 7	Protection of Archeological Resources
Title 44 – Emergency Management and Assistance	
Chapter I	Federal Emergency Management Agency
Subchapter D	Disaster Assistance
Part 351	Radiological emergency planning and preparedness
Title 48 – Federal Acquisition Regulations System	
Chapter 1	Federal Acquisition Regulation
Subchapter H	Clauses and Forms
Part 52⁽²⁾	Solicitation provisions and contract clauses
Part 53⁽²⁾	Forms
Chapter 9	Department of Energy
Subchapter H	Clauses and Forms
Part 952⁽²⁾	Solicitation provisions and contract clauses
Part 970	DOE Management and Operating Contracts
Subchapter I	Agency Supplementary Regulations
Title 49 – Transportation	
Subtitle A	Office of the Secretary of Transportation
Part 40	Procedures For Transportation Workplace Drug Testing Programs

Subtitle B	Other Regulations Relating to Transportation
Part 107	Hazardous Materials Program Procedures
	Subchapter B – Oil Transportation
Part 130	Oil spill prevention and response plans
	Subchapter C – Hazardous Materials Regulations
Part 171	General Information, Regulations, And Definitions
Part 172	Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, And Training Requirements
Part 173	Shippers – General requirements For shipments and packaging
Part 177	Carriage by public highway
Part 178	Specifications for packaging
Part 180	Continuing qualification and maintenance of packaging
Chapter III	Federal Highway Administration, Department of Transportation
	Subchapter B – Federal Motor Carrier Safety Regulations
Part 382	Controlled Substances And Alcohol Use And Testing
Part 385	Safety Fitness Procedures
Part 387	Minimum Levels Of Financial Responsibility For Motor Carriers
Part 390	Federal Motor Carrier Safety Regulations; General
Part 399	Employee Safety And Health Standards
Title 50 – Wildlife and Fisheries	
Part 402	Interagency Cooperation, Endangered Species Act of 1973

Other Regulations, Executive Orders and Guidance Applicable to the Paducah Deactivation Project